

## Discussion

In this experiment I learned how to calculate the acceleration of a free fall by means of the simple pendulum and I calculated the acceleration of gravity ( $g$ ) which is equal to  $9.81 \text{ m/s}^2$

The value that I got was approximately near this value.

## Conclusion

In projectile in Physics the acceleration of a free fall ( $g$ ) it changes from one point to another and it increase when it is near to the ground. By doing this experiment it shows that through pendulum I can calculate the acceleration of gravity.